

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: D 0 4 6 8 2 9

PIN #: 1 8 1 2 8 7 6 1 7 1

OP DATE: 0 4 1 1 9 1 2 0 1 2

SYSTEM USE:

- ☒ House
☐ Mobile Home
☐ Business
☐ Other

SEWAGE TYPE:

- ☒ Domestic
☐ Industrial

PUMP/SIPHON?:

- ☐ Yes
☒ No

PRESSURE MANIFOLD:

- ☐ Yes
☒ No

SYSTEM TYPE:

- ☐ I
☐ II
☒ III
☐ IV
☐ V
☐ VI
☐ Other

SUB TYPE:

- ☐ A
☐ B
☐ C
☐ D
☐ E
☐ F
☒ G

NBR BEDROOMS:

- ☐ 1
☐ 2
☐ 3
☒ 4
☐ 5
☐ 6
☐ Other

MAINT. SCHEDULE:

- ☐ Yes
☒ No

CERT. OPERATOR

- ☐ Yes
☒ No

GT ST PT

- ☐ ☐ ☐
☐ ☐ ☐
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SIZE

- 750
900
1,000
1,200
1,500
1,800
2,100
2,500
3,000
4,000
5,000
8,000
10,000
Other
None/NA GT or PT

DRAINFIELD SIZE(SQ. FT.)

0 1 2 0 0

DRAIN TYPE:

- ☐ Stone
☒ EZ Flow
☐ Infiltrator
☐ Biodiffuser
☐ Cultec
☐ Drip
☐ Hancor
☐ Large Dia. Pipe
☐ Multi-Pipe
☐ Other

MAX DEPTH (IN.):

- ☐ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ 26 in. or less
☐ 28 in. or less
☒ 30 in. or less
☐ 32 in. or less
☐ 36 in. or less
☐ Other

STONE DEPTH (IN.):

- ☐ 8 in. or less
☒ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ Other

TRENCHES:

- ☒ Individual
☐ Bed

TRENCH WIDTH (IN.):

- ☐ 12 in. or less
☐ 18 in.
☐ 24 in.
☒ 36 in.
☐ 6 ft. or less
☐ 9 ft. or less
☐ Other

scf

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: **D046829** STATUS: **A**
PIN: **1812.02 87 6171 000**
TOWNSHIP: **14 NEW LIGHT**
APPLICANT: **GRAYSON HOMES**
PO BOX 1253

APP. DATE: 10/12/2011
TAX MAP: 0
JURISDICTION: WC

BLDG. PERMIT#: 0120744
RECORDED: Y ORIG. PERMIT#:
ZONING: R40W SW DEVICE: R S#: S002670

YOUNGSVILLE, NC 27596

(919) 801 - 1187

USE: HD USE: 101A CONVENTIONAL ONE-FAMILY H

EXIST USE:

LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: Y #EMPLOYEES: 0

SITE: ADDRESS: 8601 MANGUM HOLLOW DR

SUBDIVISION: MANGUM ESTATES

LOT: 20

ACRES: 1.06

EASEMENT: N LOC: -SYS:

DIRECTION: US1 NORTH L PURNELL R MANGUM DAIRY L INTO S/D

Well System: WATER: INDIVIDUAL - TYPE: NEW

WELL LOG INFORMATION: DEPTH: 300 CASING DEPTH: 83 YIELD: 10 STATIC LEVEL: 30

WELL CONTRACTOR: SOUTHERN REG.# 3104 PUMP CONTRACTOR: _____ REG.# _____

Construction Compliance	GROUT APPROVED	☒	DATE	1-10-11	EHS	GJS
	WELLHEAD APPROVED	☒	DATE	12-26-12	EHS	NBS
	SYSTEM FINALIZED	☒	DATE	4-17-12	EHS	NKS

COMMENTS:

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER: _____

INSTALLED BY: Brantley & Sons

INSTALLATION APPROVED BY:

PROPRIETARY SYSTEM: E7-flow

FILTER NO: Simtech

COMMENTS:

OPERATIONS PERMIT ISSUED?

OP DATE:

BY:

This permit is based in part on information provided by the homeowner or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The Environmental Health Specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

As Built Information:

Date: 2/17/12 Benchmark: corner of house Rod reading: 2'2" Distance to Structure: 16'

ST: 1200 gals ID#: DB- 34 D.O.M.: 8-16-11 Elev.: 5'5 1/2" Distance to Well:

PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____

D-box/FD/PM elev.: 6'2 1/2" Supply Line: 5 ft. Pump/Control Panel: NA

Line 1: 7'1/2" 6'11/4" 6'11/2" 6'11/4" Date: 2/17 Line 6: _____ Date: _____

Line 2: $8\frac{1}{2}''$ $8\frac{1}{2}''$ $8\frac{3}{4}''$ $8\frac{1}{4}''$ Date: 2/7 Line 7: _____ Date: _____

Line 3: $9'8\frac{1}{4}''$ $9'8\frac{1}{4}''$ $9'8\frac{1}{4}''$ $9'8\frac{1}{4}''$ Date: 2/17

Line 3: 10'0" 10'0" 10'0" 10'0" Date: 2/17 Line 9: _____ Date: _____
Line 4: 10'0" 10'11" 10'11" 10'10 3/4" Date: 2/17 Line 9: _____ Date: _____

Line 5: _____ Date: 5/1/11

Line 9: _____ Date: _____ Line 10: _____ Date: _____
Distance to P/I: _____ Notes: _____

Notes:

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT
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UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D046829 STATUS: A APP. DATE: 10/12/2011 BLDG. PERMIT#: 0120744
PIN: 1812.02 87 6171 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 14 NEW LIGHT JURISDICTION: WC ZONING: R40W SW DEVICE: R S#: S002670
APPLICANT: GRAYSON HOMES
PO BOX 1253
YOUNGSVILLE, NC 27596
(919) 801 - 1187
USE: HD USE: 101A CONVENTIONAL ONE-FAMILY H
EXIST USE:
LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: Y #EMPLOYEES: 0 FOUNDATION DRAIN: Y
SITE: ADDRESS: 8601 MANGUM HOLLOW DR
SUBDIVISION: MANGUM ESTATES LOT: 20 ACRES: 1.06 EASEMENT: N LOC: SYS:
DIRECTION: US1 NORTH L PURNELL R MANGUM DAIRY L INTO S/D

IMPROVEMENT PERMIT

TANK SIZE: 1200 gal. PUMP Tank: ____ gal. SQ FT: 1200 INNOVATIVE MAX DEPTH LINE: 30 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III G PUMP: N P/M: N
DAILY FLOW: 480 gal/day DESIGN FEE REQ?: PAID?: WATER: INDIVIDUAL

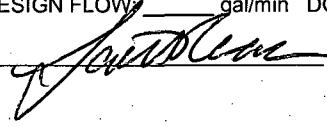
COMMENTS:

IP ISSUED? Y DATE: 11/03/2011 BY: (SCR)  PHONE#: 856-6194

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION
VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE
AUTHORIZATION CONDITIONS:

Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation is in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrification line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. **OTHER CONDITIONS:**
INITIAL SYSTEM CONSIST OF 4 100' LINES, FLAGGED OUT IN FIELD. ACCEPTED STATUS SYSTEM, 25% REDUCTION ALREADY TAKEN. SCARIFY TRENCH SIDE WALLS AS NEEDED TO PREVENT SLICKING. KEEP SEPTIC 10' FROM BUILDING FOUNDATION. REPAIR WILL REQUIRE PUMP SYSTEM WHEN NEEDED IN FUTURE. CALL OFFICE WITH ANY QUESTIONS PRIOR TO OR DURING INSTALLATION.

TANK SIZE: 1200 gal. PUMP TANK: ____ gal. SQ FT: 1200 INNOVATIVE MAX DEPTH LINE: 30 in.
MAINT: N OPER: N L/O: Y TRENCH#: 4 LENGTH: 100 ft. WIDTH: 36 in. DESIGNER: ____
SUBFIELDS: ____ DESIGN HEAD PRESSURE: ____ DESIGN FLOW: ____ gal/min DOSE VOLUME: ____ gal.

CA ISSUED? Y DATE: 11/03/2011 BY: (SCR)  PHONE#: 856-6194

OCTOBER 11, 2011

REVISED OCTOBER 12, 2011

ZONED R-80W & R-40



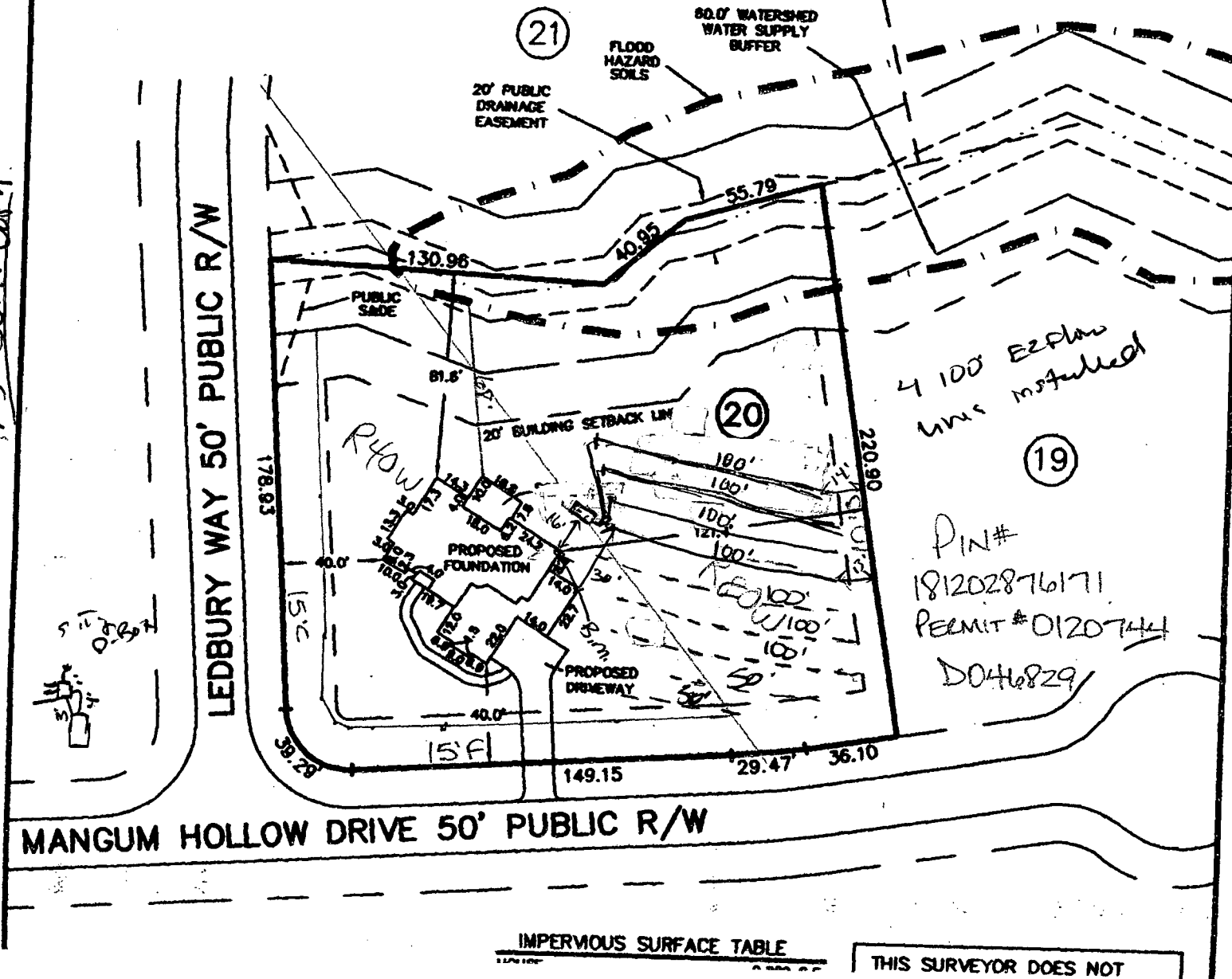
SCALE 1"=60'

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot plan may require the relocation of structure(s) regardless degree of completion. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

[Signature]

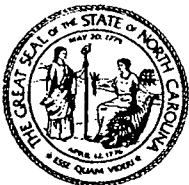
Signature of Owner or Authorized Agent

As Built Copy



IMPERIOUS SURFACE TABLE

THIS SURVEYOR DOES NOT



RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources – Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3104

1. WELL CONTRACTOR:

Van Elliott

Well Contractor (Individual) Name

SOUTHERN WELL DRILLING

Well Contractor Company Name

STREET ADDRESS 1530 Beaver Dam Road

Creedmoor NC 27522

City or Town State Zip Code

(919) 603-7165

Area code - Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) D046829

STATE WELL PERMIT #(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box): Residential Water Supply ☐

DATE DRILLED 1-9-12

TIME COMPLETED AM ☐ PM ☐

3. WELL LOCATION:

CITY: Wake Forest COUNTY Wake

8601 Mangum Hollow Dr.

(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other

(check appropriate box)

LATITUDE 3

LONGITUDE

May be in degrees,
minutes, seconds or
in a decimal format

Latitude/longitude source: ☐ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and
attached to this form if not using GPS)

4. WELL OWNER

OWNER'S NAME Grayson Homes

STREET ADDRESS

Youngsville NC

City or Town State Zip Code

Area code - Phone number

5. WELL DETAILS:

a. TOTAL DEPTH: 360

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☒

c. WATER LEVEL Below Top of Casing: 30 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS +1 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require
a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): 10 METHOD OF TEST Air

f. DISINFECTION: Type Amount

g. WATER ZONES (depth):

From 330 To From To

From To From To

From To From To

6. CASING:

Depth Diameter Thickness/Weight Material

From 1 To 82 Ft. 6 PVC

From To Ft.

From To Ft.

7. GROUT:

Depth Material Method

From 0 To 20 Ft. Portland Poured

From To Ft.

From To Ft.

8. SCREEN:

Depth Diameter Slot Size Material

From To Ft. in. in.

From To Ft. in. in.

From To Ft. in. in.

9. SAND/GRAVEL PACK:

Depth Size Material

From To Ft.

From To Ft.

From To Ft.

10. DRILLING LOG

From To Formation Description

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH
15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS
RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt.,
1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1a
Rev. 7/05

PRELIMINARY PLOT PLAN FOR

GRAYSON HOMES

LOT20, MANGUM ESTATES SUBDIVISION

8601 MANGUM HOLLOW DRIVE

REF: B.M. 2007, PAGES 446-447

NEW LIGHT TOWNSHIP

WAKE COUNTY, NORTH CAROLINA

OCTOBER 11, 2011

REVISED OCTOBER 12, 2011

ZONED R-80W & R-40

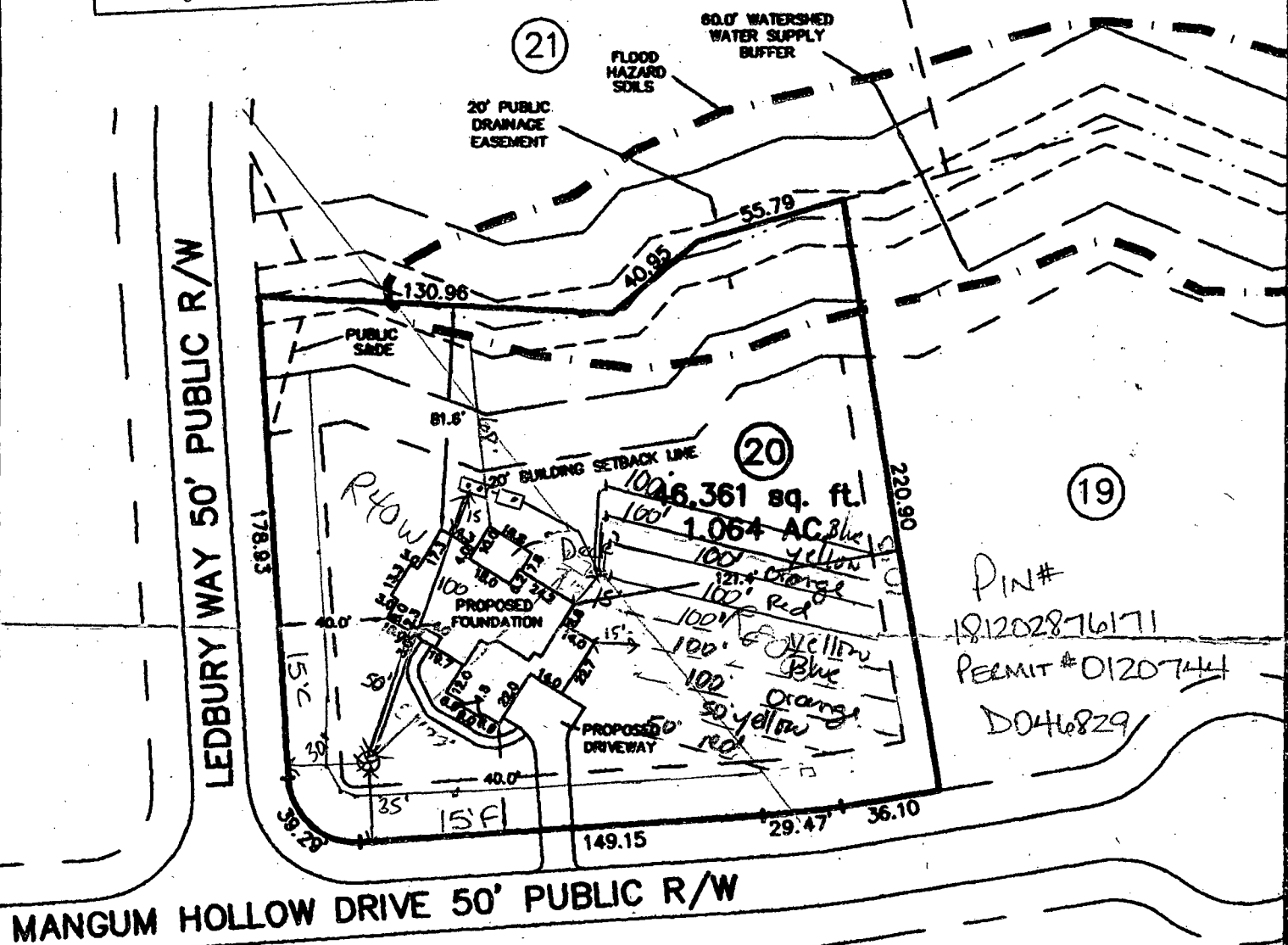


SCALE 1"=60'

Zoning R40W By DLG
 Approve / Date 10-12-11
 Revise _____ Use 101A
 Reject _____ MBL _____
 Front 15 Rear 15
 Side 10 Corner 15
 Comments: CLUSTER S/D

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot plan may require the relocation of structure(s) regardless degree of completion. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

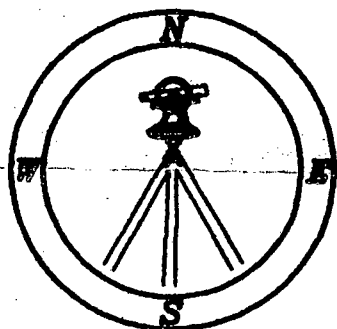
[Signature]
 Signature of Owner or Authorized Agent



IMPERVIOUS SURFACE TABLE

HOUSE	2,829 S.F.
SCREENED PORCH	250 S.F.
DRIVEWAY	1,010 S.F.
SIDEWALKS	288 S.F.
TOTAL IMPERVIOUS AREA	4,338 S.F.
IMPERVIOUS AREA ALLOWED	11,748

THIS SURVEYOR DOES NOT WARRANTY THE ACCURACY OF ARCHITECTURAL DIMENSIONS. THEY ARE TO BE VERIFIED BY THE CONTRACTOR.



CAWTHORNE, MOSS & PANCIERA, P.C.

Professional Land Surveyors
 C-1525

333 S. White Street
 Post Office Box 1253
 Wake Forest, N.C. 27588
 (919)556-3148

NOTES:

-THIS PLAN DOES NOT REFLECT AN ACTUAL SURVEY. IT IS A PRELIMINARY PLAN AND SHOULD BE USED FOR ITS INTENDED PURPOSE ONLY.
 -NOT FOR RECORDATION, CONVEYANCES, OR SALES.

C.A. Site Plan

- 4 3'x100' lines, flagged in field
- 30" Max trench depth
- 1200 gal S/T.
- Keep septic tank 10' from house foundation
- Accepted status system, 25% reduction already taken
- Repair will require pump when needed